



## SNT Opens New Season Tuesday, September 10

**Local Group Is  
Now 10 Years Old**

By Richard T. Bell

The Oak Ridge Section of the Society for Nondestructive Testing was officially organized on January 10, 1952, with 10 charter members. The charter was presented to the local group by Dr. Gerold H. Tenney, who was at that time national treasurer of the Society for Nondestructive Testing and the Group Leader in Nondestructive Testing at the Los Alamos Scientific Laboratory. The charter was received on behalf of the local group by V. C. Jackson. The charter members included F. E. Clark, W. H. Dodson, Paul J. Long, H. D. Whitehead, Frank Lambert, Roy Roseberry, R. E. Schabot, George Isham and Robert W. McClung.

### Fused Sand From Blast

Another highlight of the first section meeting was performed by Norman H. Miller, assistant to Dr. Tenney, who presented the section with a gavel and base plate. The latter contains a piece of "trinitite" which is fused sand from the New Mexican desert found after the first test blast of the atomic bomb back in 1945. Miller made the presentation as president of the Los Alamos Section of the SNT.

Since 1952 the section has grown as has the Nondestructive Testing profession. In 1960 the local section was presented a polaroid camera by the National Section for showing a substantial increase in membership (third place among all chapters on a percentage basis.)

### New Season Promising

This year promises to be the best year to date. Already the membership has doubled that of last, all programs for the year have been arranged and the publication of the year book will be completed this month. The vice chairman of the local section, C. M. Knowles, Y-12's Radiation Testing, will preside at the first meeting of the 1962-63 year which will be held at the Holiday Inn in Oak Ridge. The speaker will be W. G. Ingles of Picker X-ray Corporation and his subject will be "Non-Film Techniques in X-ray Inspection." Members are encouraged to attend the meeting in banquet room two where dinner will be served at 6:30 p.m.

Continued on Page 4

## UT Graduate School Lists Fall Schedule

**Registration Set  
For September 23**

The Oak Ridge Resident Graduate Program of the University of Tennessee has announced its fall schedule and curriculum. Registration is slated for Monday, September 23 . . . with classes beginning Thursday, September 26. Registrations are accepted from 6 until 9 p.m. at the Oak Ridge Institute of Nuclear Studies Training Building directly behind the Atomic Energy Commission's Administration Building.

Courses offered during the Fall quarter are:

CHEMICAL ENGINEERING 511, Heat Conduction.

CHEMISTRY 521, Instrumental Methods of Analysis.

ELECTRICAL ENGINEERING 507, Transients in Linear Systems.

MATHEMATICS 454, Advanced Calculus.

MATHEMATICS 565, Numerical Methods.

METALLURGICAL ENGINEERING 451, X-Ray Diffraction and Crystallography.

METALLURGICAL ENGINEERING 561, Radiation Effects on Materials.

PHYSICS 371, Introduction to Atomic and Nuclear Physics.

PHYSICS 461, Gaseous and Solid States.

PHYSICS 521, Advanced Modern Physics.

PHYSICS 511, Introduction to Theoretical Physics.

PHYSICS 561, Mathematical Methods in Physics.

All the above courses are taught in the Oak Ridge extension. Fall Quarter courses offered in the Knoxville branch, in the late afternoon, include Mathematics 415, 451, 465, 511, 521, and 551; and Physics 471, 531, 552, 611, 643 and 671.

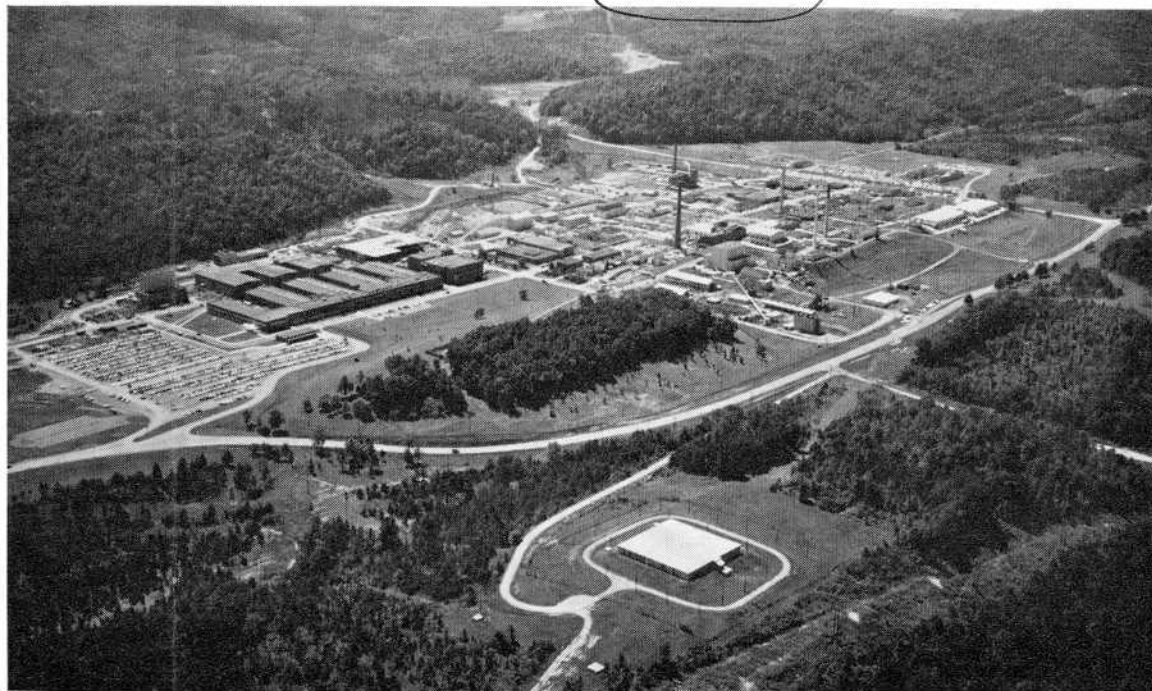
Additional information may be obtained by telephoning the UT Graduate School on extension 4129.

## Savings Accumulate Fast In Payroll Plan

Savings through the Y-12 Credit Union accumulate easily through payroll deductions. Dividends are paid semi-annually with five per cent per annum being paid over the past six years. Dividends are added to the account and will compound.

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
125 Days Or  
4,124,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through Sept. 2  
Phone 7755  
For Daily Report  
On Accident-Free Hours



AN AERIAL VIEW OF OAK RIDGE NATIONAL LABORATORY presents part of the tour sites included in Saturday and Sunday's Open House set at ORNL for all Nuclear Division employees and their families. Y-12ers are cordially invited on the tour, along with their families. Employees should bring their Y-12 badges along for quicker identification.

## Y-12 Employees, Families, Invited To ORNL Open House This Week-End, September 7, 8

Union Carbide Corporation—Nuclear Division employees in Y-12 are invited to the Open House set at Oak Ridge National Laboratory, Saturday and Sunday, September 7, 8. The tour hours are from 9 a.m. until 5 p.m. and all employees' families are invited to attend also. (Although there is no age limit on children, ORNL personnel do not recommend that small children be taken on the tour. The tour is long and there are no facilities provided for the care of children.)

Y-12 employees bringing their families are requested to bring their Y-12 badge along to expedite identification.

Special bus facilities will not be available to and from the Laboratory. Parking facilities will be available for personal cars at both East and West parking lots at ORNL.

The tour area is well marked and visitors will be issued a clear map outlining the tour at the portal. Lab busses will shuttle visitors continuously between the East and West Portals. Visitors will, of course, confine their movements only to those facilities listed on the map.

### Lay Language Used

ORNL personnel will conduct the tour with documented descriptions of the facilities. They will also be available for questions from the visitors. The language used will be within grasp of the lay person, and technical terms will be held to a minimum.

No pets or cameras will be allowed within the confines of ORNL.

Light refreshments are available in canteen rooms of the buildings to be visited and limited cafeteria service from 9 a.m. to 5 p.m. will be available.

### Tour Areas Listed

Tour areas will include the High Voltage Accelerator Laboratory, the Main Research Building, High Level Radiochemical Laboratory, Instrument Laboratory, Radioisotope Packing and Control Laboratory, Radioisotope Development Laboratory, the Solid State Building, Oak Ridge Research Reactor, the Graphite Reactor (the world's oldest continuously operated reactor), the Bulk Shielding Reactor and Pool

Continued on Page 4

## Plastics Division Names Bruton V.P.



James A. Bruton

James A. Bruton has been named vice-president—operations of Union Carbide Corporation's Plastics Division, according to an announcement from William B. Humes, division president.

Bruton joined Union Carbide in 1941 at the Cleveland plant of the Carbon Products Division. Later that year, he was transferred to the Plastics Division's Bound Brook plant, where he became assistant superintendent in 1955. In 1959, he moved to the New York office of the Plastics Division as works manager. He has been general manager—thermoplastic resins since 1962.

He is a graduate of the University of North Carolina, where he received a BS in chemistry in 1937.

## Secretaries Set Career Seminar

A Seminar for Career Secretaries will be staged Saturday, September 14, by the Oak Ridge Chapter of the National Secretaries Association. The Saturday seminar will be held in the Troubadour Room, at the Alexander Hotel, Oak Ridge.

Several top-notch speakers have been lined up, including G. A. Wagoner head of the University of Tennessee's Office Administration Department, and Professor Elise Davis, also of UT, Dr. Andrew S. Wachtel, director of the Oak Ridge Mental Health Center, Betty Graham, Millers' fashion director, and UCC-Nuclear Division vice president C. E. Larson, who will speak on "The Secretary and Corporation Profits." Professor Wagoner will meet with interested secretaries to discuss preparation for the Certified Professional Secretary examination. The UT Evening School will schedule special courses beginning September 23 at the Oak Ridge High School if a sufficient number of students enroll.

Registration forms for the seminar are available from any Oak Ridge NSA member. A \$3.50 registration fee covers the seminar and luncheon. The registration forms are available in Y-12 from Mabel Tyer, extension 7121.

### STONES A-PLenty

The most widely used of all rocks in the world is limestone. Its great variety and importance of its industrial uses make it desirable. Also it is readily available in most places.



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

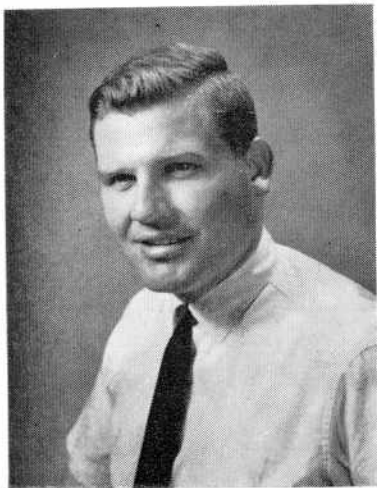


OFFICE

Post Office Box Y  
Oak Ridge, Tenn. 37831  
Bldg. 9704-2 Room 149  
Telephone 7109

## C. J. Williams Takes Degree At Tennessee

Misses Ceremonies,  
Due To Reserve Duty



Clifford J. Williams

Another "moonlight" student takes an advanced degree in Y-12, as Clifford J. Williams, Special Projects, was awarded his MS degree in Civil Engineering, August 22. Only he wasn't there to receive the coveted sheepskin; he was on military leave.

A native of Appleton, Wisconsin, young Williams lives with his family at 5404 Maywood Road, Knoxville. He is married to the former Barbara Lee Moore, and they have two sons, Jeffrey and David.

In 1957 Williams earned his BS degree in Civil Engineer at the University of Tennessee, and took his advanced degree from the same university.

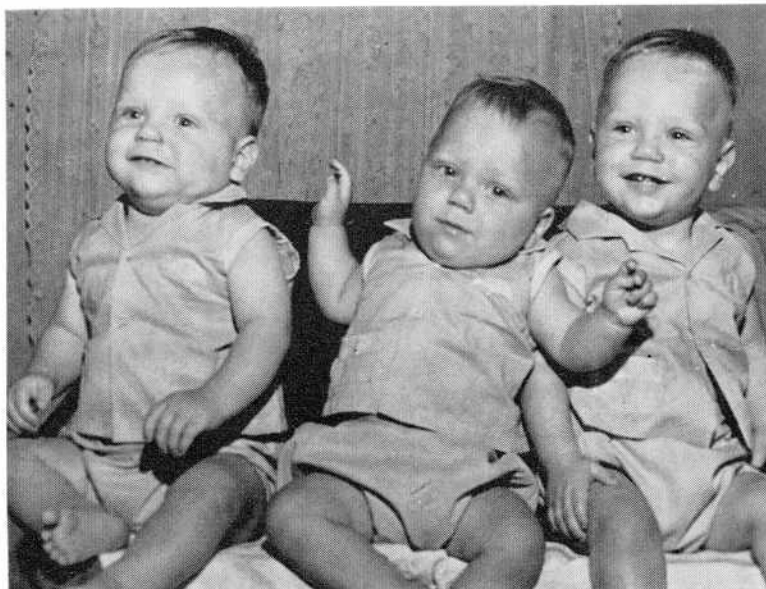
A veteran of the United States Army, he was formerly with the Tennessee Valley Authority, the Tennessee Highway Department, and had been employed in Y-12 as a student trainee before his July 13, 1959 hire-in date.

The young engineer earned his degree with the help of the Union Carbide Education Assistance Program. Congratulations, Williams!

## Sweden's Bergqvist Leads ORNL Seminar

Ingvar L. Bergqvist, on leave from the University of Lund, Sweden, will conduct this week's Oak Ridge National Laboratory Physics Division seminar. His subject will be "Neutron Capture Gamma-Ray Spectra and Evidence for an M1 Giant Resonance."

The seminar is scheduled for Friday, September 6, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.



Jimmy Lee, Jerry Paul and Johnny Steven Bullock

Believed to be the only triplets in and among Y-12ers are the Bullock sons shown above. The threesome was born June 23, 1962 . . . and the above picture was made on their first birthday. They are the youngest of the 12 children Mr. and Mrs. Charlie Bullock Jr. have, of Lake City. Bullock is in Y-12's Research Services, and says that old saying "cheaper by the dozen" just isn't so!

Other news from around Y-12 is cheaper, however, mainly in

### SHIFT SUPERINTENDENTS AND UTILITIES

From the PSS office it's told that J. A. McLain stayed home and painted during his vacation last week . . . F. C. Lowery took off also, but his plans were unannounced.

The battle of the sexes will never be settled . . . there's too much fraternizing with the enemy.

### MECHANICAL OPERATIONS

Lost: one first class toothpick. Information concerning it will be appreciated by D. T. Cook.

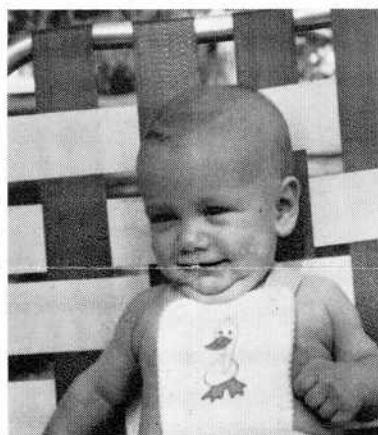
Other Production Machining news has Jo Walpool off sick the day prior to the big picnic. That's an interesting switch, isn't it?

The M-Wing shop has J. D. Kile headed for the great Southwest: Arkansas, Texas, Old Mexico, Louisiana and Mississippi. He borrowed a road map that M. Q. Kosier recently used to go to California. It's wondered if he'll ever make it.

H. D. Witt and wife are basking in the sun down in Miami, Florida . . . E. M. Pugh took a boating and camping trip down the Tennessee River to Alabama. If he's not back by September 9, somebody's going to have to drag the river . . . T. R. Wall took a vacation back in the spring to plant his beans and 'taters, so he's off now on another week just laying around enjoying the fruit of his labors . . . M. J. (Buddy) Tharp shot an 88 at Whittle Springs recently, ekeing out a close victory over tough competition from the H-2 shop.

The E Wing group sallies in with news of C. H. Edwards doing some trot line fishing down on Watts Bar, promises pictures if he is successful . . . nothing if he isn't . . . B. R. Brock is taking in the Darlington 500 (whatever that is) then plans to come home and spend some time to Norris Lake to calm his shattered nerves.

From C Wing it's learned that J. E. Barton took off and is just hitting the high places, namely: Johnson City, Tennessee, Louisville, Kentucky, and Indianapolis, Indiana.



Stephen William Ragland

The Ron Raglands, (he's in Production Control) of Oak Ridge, are smiling proud of little Stephen W. Ragland, now five months old. And it's no wonder, either . . . he's a mighty fine baby. (He takes those looks after his pretty mother!)

You gotta hand it to those income tax people . . . if you don't they'll take it anyway!

### FINANCE AND MATERIALS

Plant Records reports Betty Walker on vacation at home at Solway.

Get well wishes to Ernest Duncan, ill in St. Mary's Hospital.

Manual Control says good-bye to Pat Jackson, who will be going back to school this fall.

If you single guys want to know how the little woman is going to treat you after the knot is tied, just slip around and observe her with her little brother!

### CHEMICAL OPERATIONS

From the Chemical Department come a few personal highlights to make payday rosier (or vice versa) . . . Mary Jenkins is vacationing at home and enjoying a visit from her daughter, Bobbie Hickman, from Miami, Florida . . . John York and family are vacationing around home in Oak Ridge, as is Jim McCullum.

To Cincinnati, Ohio, go the E. E. Bell's. They will take in a baseball game . . . Carol Humphrey is back to work after spend-

Continued on Page 4

## Espionage Is Everywhere!

(EDITOR'S NOTE: The following column appeared in the July 8, 1963 issue of the Knoxville News-Sentinel. It was written by Henry J. Taylor, United Features Syndicate, Inc., columnist. Mr. Taylor's pertinent remarks on espionage are pointedly apt in today's security picture. It is reprinted here in full with the kind permission of the author.)

In the flood of spy talk, we're entitled to certain reassurances. One is the effort toward security between Washington and our embassies abroad.

The day of the code book is now gone entirely. Communications are a complex problem and other penetrations can defeat the solution, but this is our big leap forward.

Repetition is the fundamental requirement for code breaking. Intricate machines now robotize all cabled communications. Repetition doesn't exist. A synchronized disk, detachable from the machine, changes the code sequence at both ends of the transmission after each message. Months could pass before even two messages arrive in the same code.

### Telephones Are Taboo

Telephone tapping (anywhere) is so possible that telephones are taboo for classified use. In transatlantic telephone contact by either the sub-Atlantic cable or by radio telephone we use a "scrambler." This, in effect, scrambles sound waves and then unscrambles them at the other end. But this remains dangerous in many localities because land lines leading to scrambler installations can be tapped before the device provides protection.

Beyond this, no message to be sent by code by any route can be dictated over the telephone. Obtaining its wording from a tap and then intercepting it in code would compromise the code.

Meanwhile, electronic espionage equipment has been so amazingly developed that it's practically impossible to detect hidden "eavesdropping" microphones in certain installations.

Wherever the enemy can get at a building while under construction, as behind the Iron Curtain, or find a pretext for repairs, our State Department's excellent security officers have a terrible headache.

The electrified ear can be buried three or four inches deep behind a wall's plaster and still function perfectly. A glass tube



Henry J. Taylor

extends even deeper to the plastic microphone — absolutely invisible and undetectable. Wire inside plastic pipes lead to automatic recorders often many blocks away.

### Agents Detect Hundreds

Counterintelligence — search devices resemble portable mine detectors used to spot land mines. But this "sweeping" technique, likewise employed regularly in every ambassador's residence, requires a normally planted microphone. Our careful agents find these thrust on us by the hundreds throughout the world.

However, the memorable presentation on TV from the United Nations, the microphone removed from the U. S. emblem behind our ambassador's Moscow desk, was something of an overdramatization. That one was actually removed many years earlier.

Any classified document in the State Department or abroad must remain either under the sight of the official in any room or locked in a room's files, even if the official goes into the hallway for a few moments. Abroad, a trained contingent of U. S. Marines, not necessarily in uniform, inspects ever room and the lock on every file in every embassy every hour when the embassy is closed.

### 'Tragedy Of The Traitor'

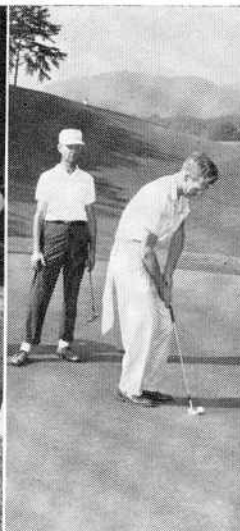
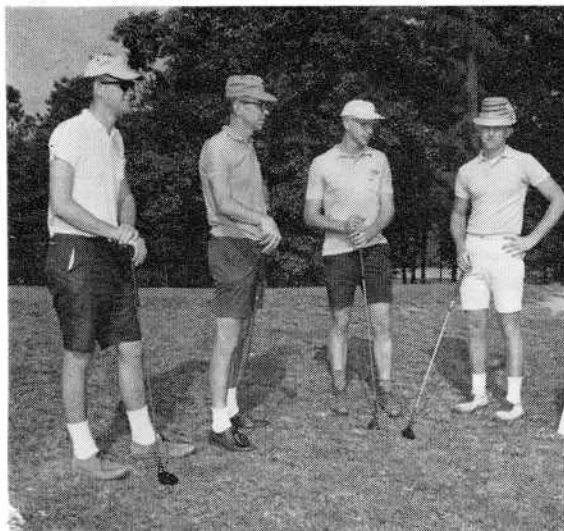
The great defeating factor, of course, is the human factor—the revolting tragedy of the tragedy of the traitor. The prize and the priceless information needed by any nation is: What are the enemy's intentions and capabilities? This requires continuously tapping into the enemy's top-secret circles of decision—penetration at the highest level.

The current revelations in Britain at high levels, or the Swedish army colonel charged with working for the Soviet Union for 15 years, should show us why our security chiefs are always forced to assume that White House and other decision-levels are likewise penetrated.

In fact, while I was serving at our embassy in Switzerland an American official whose position could not have been higher once told me it was evident to him that the Russians often know what we intend to do before we know it ourselves. Penetration is typical throughout the world among important nations. The matchless hand we have against it is Director J. Edgar Hoover and the F.B.I. And both are having a harder time every day protecting the United States.

(Copyright, 1963, by United Features Syndicate, Inc.)





**PREVIEWING THE ALL-CARBIDE TOURNAMENT** set for Saturday, September 21, are these Y-12 golfers, shown at a recent Y-12 battle on the Gatlinburg greens. The well-dressed foursome in photo number one consists of Jim Disney, Hugh Caudill, C. C. Dinkins and Don

Mahaffey. In picture number two F. K. Clabough silently watches George Mitchel sink a 20-foot putt. In photograph number three Newt Hamby, George Dykes Sr., and C. E. Larson line up at hole number one to begin action. Frank Kennedy is teed up in the fourth

photograph to start the long drive on hole number one. In the final paste-up Recreation Director R. T. Cantrell takes entry fees from a fiery foursome: Carl Redding, Bill Manus, W. T. Arrowood and Sam Gallman.

## Nuclear Division Golfers Gear For Gatlinburg Race Sept. 21

It's on to Gatlinburg for all Nuclear Division golfers in the area. Y-12's preview of the three-plant competition came Saturday, August 24. The Y-12, ORGDP, ORNL meet is set for Saturday, September 21. The tournament is open to all Oak Ridge UCC-Nuclear Division employees who have established a handicap in a 1963 plant tournament or who qualify by playing 18 holes prior to the entry deadline.

Deadline for entering the September 21 match is noon Monday, September 16. Foursomes must be entered on the official entry form included in this issue of the Bulletin. **Twosomes may not play;** three somes will be allowed, **if necessary.**

Participants in the All-Carbide Tournament will be placed in one of four division on the basis of handicap, as Y-12 tournament are played.

### Tee-Offs By Drawing

Tee-off times will be assigned by drawings. Each golfer entering as official for the foursome will be contacted to see if the foursome desires in on the cart drawing. The number of golf carts are limited at Gatlinburg, and will be restricted by drawings.

Employees who have not participated in a plant tournament in 1963 may play a qualifying round of 18 holes prior to the entry deadline. An attested score must be turned in to the Recreation Office. No "scratch" golfer may participate in the big tournament.

### Awards Schedule

Top six scratch scores in each division will be awarded ten, eight, six, five, four and two golf balls for each respective place and the first six handicap scores in each division will be awarded golf balls on the same ratio. Golfers, of course, may not win in both scratch and handicap categories. He will be awarded the category giving him the most golf balls. In the event of ties in any

## Miniature Golfers Lock In 2-Way Tie

A tie developed in the Y-12 Putt Putt miniature golf league last week as Winstead-Collins took three points from the two Williamses. Original league leaders Myers-Boyd dropped three to Roberts-Stinnett.

Almost everybody got in on holes-in-one in the contests. R. Williams aced nine; H. Williams took hole one. Frank Winstead took one and 16; Collins two and six. Boyd aced number six, Myers took 14 . . . Roberts took 12 and 16.

League standings follow:

Team	W	L
Myers-Boyd	8	4
Winstead-Collins	8	4
Roberts-Stinnett	7	5
Williams-Williams	1	11

of the first six places, the prizes will be added, and then divided by the number of participants having the same scores.

After tee-off times are established, the leader in each foursome will be notified of the starting time.

Questions concerning the All-Carbide Tournament should be directed to the Recreation Office, extension 7109.

### 50-MILE HIKES

Walking is said to stimulate the circulation of the blood to all parts of the body . . . including the brain. The more you walk, the more you think . . . about resting.

## G. Cantrell-Brown Take Putting Crown

The Y-12 Par Tee miniature golf league ended up in a blaze of cliff-hanging suspense last week. The first half league winners J. D. Brown and George Cantrell took on the last half winners, W. Rutherford and Jim Beckett. At the end of 18 holes the play-off ended in a big tie . . . 99 strokes for each twosome. A sudden-death play-off gave Cantrell and Brown the crown on hole number one. Aces all over the place saw Cantrell take nine and 18; Brown took four; Beckett four, and eight; while Rudd took seven.

Last-half winners Rutherford-Beckett took two points from the Isham-Boswell team (Art Hines subbing for Virginia Boswell.) Rudd aced four, as did Isham and Hines. Jo Ann repeated a bull's-eye on five while Art Hines took 8. Only one point separated stroke-count at the end of 18 holes.

Ella Stansell and Virginia Newby dropped three points to Bill Akers and W. Sinclair . . . as Virginia aced number four and 12 . . . Sinclair took holes one and nine . . . while Akers took 18. The female team lost the front nine by only two strokes.

The Collins-Stinnett duo finished off R. Cantrell-Young for three points, taking stroke count by a good 18. Stinnett took aces on one, four, nine and 18. Cantrell took hole 18.

The big league champs Brown-G. Cantrell took Lucy Parker and Jeanne Cothron for three points (husband Ed subbed for Jeanne). Aces saw Cantrell on four . . . Brown on four, nine and 18. Ed Cothron took seven and 18.

Final half standings:

Team	W	L
Beckett-Rutherford	20	1
Beckett-Rutherford	17½	3½
Sinclair-Akers	17½	3½
Collins-Stinnett	11½	9½
R. Cantrell-Young	11	10
G. Cantrell-Brown	11	10
Stansell-Newby	7	14
Cothron-Parker	3	18
Isham-Boswell	2	19

## Bowling Leagues Ready To Throw First Balls

All Y-12 bowling leagues are full now, with the exception of the Mixed League for Y-12 men and women. The 12-team C League fires off next Monday at 5:45 p.m., September 9.

The Classic league rolls their first ball tomorrow, September 5, as does the E League.

Men and women wishing to bowl in the Mixed League should call Recreation, extension 7109.

## Eagles Continue 1-Game Hold On Waning Slo Pitch League

The Slo Pitch League ground into high gear on the homestretch last week as one team, the Tabs, finished up their second half schedule. Other teams lack only one, two or three games.

Last Monday's first game was the B Shift team against the Bat Boys . . . the Shifters taking it 10 to 2. J. L. Roberts, Gass and Levline had the only multiple-based hits, taking doubles for the winners.

Team	R	H	E
B Shift	10	12	0
Bat Boys	2	7	4

Batteries: B Shift: Clabough, Roland and Gadd. Bat Boys: Greene and Shuttle.

### Rebs Score 27

A one-sided victory marked the second game, as the Rebs clobbered the Bunt Boys 27 to 0. Conner and Hardin homered on the victor's side; Greaser and Lewis tripled; Greaser and Buckley and two doubles; Riggs and Fraola had one each.

Team	R	H	E
Rebs	27	22	2
Bunt Boys	0	4	15

Batteries: Rebs: Lawhorn and Lewis. Bunt Boys: Miller, Dunlap and Feazell.

Monday's final game saw the Tabs finish their regular season in good order by downing the E Wingers 17 to 6. Two homered were batted by Knight, Wyatt and R. Jones had one each; Wyatt tripled and Blevins doubled, all for the Tabs. Cavosie tripled and Hyatt had a double on the losing squad.

Team	R	H	E
Rebs	17	16	2
E Wingers	6	10	5

Batteries: Tabs: Ryder and R. Jones. E Wingers: E. Sise, Hagood and Hyatt.

### Mets Play Doubleheader

Tuesday, the Mets met the Peons head-on, taking the Y-12 team 5 to 1. Henderson hit a four-bagger for the winners, Whittlesey tripled; Lamberth had two doubles, Cox and Dripps one each. B. Grubb and Bates doubled for two of the Peons four hits.

Team	R	H	E
Mets	5	14	0
Peons	1	4	0

Batteries: Mets: Iacovino and Whittlesey; Peons: Collins and Shotts.

The Mets continued on a double-header by dropping Y-12's Big Shop team 22 to 3. Clark and Whittlesey homered to help the winning team; Cates and Whittlesey tripled; Lambert had two doubles and Witt one. On the losing squad it was Law with a four-bagger, Manning with a three, and Miller with a two-base hit.

Team	R	H	E
Mets	22	24	3
Big Shop	3	7	8

Batteries: Mets: Iacovino and Whittlesey. Big Shops: Law and Moncier.

### Eagles Squeak By

Tuesday's final game was a real goner . . . as the Eagles slipped by the Slipsticks 9 to 8. Two homers were belted by Pryor for the Eagles; Inklebarger, Bell and Friar had doubles

## Pridgeon Still Tennis League Frontrunner

Three tennis duels get reported in this week . . . as another summer sport begins the trek home. In Y-12's Tennis League last week Ron Williams downed two opponents . . . taking Bill Harper 6-2, 6-2 and 6-1 . . . then Mike Laggis 7-9, 6-3, and 7-5.

Mike Laggis took three sets from Bob Bass 6-3, 6-3 and 7-5. An unrecorded set is also acknowledged as Dick Huber took three from Campbell King.

League standings follow:

Player	W	L
John Pridgeon	19	2
Dick Huber	13	5
Ralph Levey	14	7
Ron Williams	14	10
Al Fischer	11	7
Campbell King	12	11
Mike Laggis	12	11
Bob Bass	6	18
Bill Harper	3	18
Roy Huddleston	1	20

## Fred Lynch Leads Archers For Golds

Fred Lynch, Gold team, led Carbide Archers last week in the bow and arrow set. He took a handicap score of 290.883. C. H. Hilemon, Black, took scratch honors with 234.

The Black team captured both scratch and handicap highs with a 462 . . . 578.078 tally.

League standings follow:

Team	H'cap	Pts.
Red	30	28
Gold	28	28
Black	27	27
Blue	18	18
White	17	17

each. Rose tripled for the losing team.

Team	R	H	E
Eagles	9	13	4
Slipsticks	8	10	3

Batteries: Eagles: Bell, Roesch and Hulse. Slipsticks: Anderson and Fogg.

League standings follow:

Team	W	L
Eagles	10	1
Rebs	9	2
Mets (ORGDP)	9	2
E Wingers	7	3
Peons	6	4
Data Processing (ORGDP)	5	4
B Shift	5	6
Cherokees	3	8
Big Shop	3	8
Slipsticks	2	6
Bunt Boys	1	10
Bat Boys	1	10

Be safe—stay inside all security regulations.

### ENTRY FORM

## 1963 All-Carbide Golf Tournament

GATLINBURG COUNTRY CLUB

September 21, 1963

Please enter the foursome, as listed below, in the All Carbide Golf Tournament, subject to the rules governing this event.

NAMES OF FOURSOME:

1. \_\_\_\_\_ 3. \_\_\_\_\_  
2. \_\_\_\_\_ 4. \_\_\_\_\_

Signature of Member entering this Foursome

Phone No.

(Complete and send to: Recreation Dept., Bldg. 9704-2).



BULK RATE  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

UNION CARBIDE CORPORATION  
Nuclear Division



Post Office Box Y  
Oak Ridge, Tennessee—37831

RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,  
RETURN TO SENDER IMMEDIATELY.



Continued From Page 2  
ing a vacation at home in Andersonville.

Friends of **Lennie Jeffreys** are sorry to hear of the illness of her father, Will Copeland. Lennie and her husband Lonnie visited him last week-end in Town Creek, Alabama.

It's no wonder **Woodrow Murray** spends his time off riding in his car. It's not everyone who has an air conditioned car!

Vacationing without telling were: **J. R. Cooter, A. C. Lee** and **Sammy West**.

**C. Spraglin** returned looking rather rested even though he traveled 3,000 miles. Dayton was one selection for a good time.

Every year at this particular time **Big Bill Smith** heads south to Fayetteville, Georgia, to attend a County Fair, or could it be an old flame back home in his boyhood town?

**Billie Ramsey** is back from a week's relaxation at home.

When your "ole jalopy" gives trouble there's always the airlines. That's what happened to **Al and Zola White**. They flew to Le Hi Acres, Fort Myers for a week's vacation.

**J. P. Wheeler** selected Daytona Beach for his fun and vacation... While **C. J. Marrow** will stay close at home.

Sincere sympathy is extended to **Dan Cooley** on the death of his grandmother.

Week-end guest of **Allie Baer** is her brother from Ohio.

The **Hugh Griffins** (Jean is in Production Essay) are spending the week in Shelbyville, Tennessee, attending the Walking Horse National Celebration. Saturday night they will witness the crowning of the walking horse of the world. Hugh is entering a horse in the show **Genis Shadow**. **Joe Ailey** hasn't brought the horse knee pads, it's told. Good luck, Hugh. It's heard that **Thompson and Ferguson** are going to look after the goats while Hugh is away... **Joe Harless** can give them some good pointers along those lines.

The public is familiar with the Book-of-the-Month-Club... the Record-of-the-Month-Club, and what-have you? **Bob Trent** has introduced a Camera-of-the-Week Club... If interested contact Bob immediately. The **Trents** (Carol is in Development) are planning the same European tour that the **Herman Butlers** hope to make soon. If Bob doesn't forget about cameras, he may not be able to afford the trip, either.

There is good news from up Jacksboro way... It's heard that **T. W. Osborne** purchased a new tractor with all the equipment with his Carbide savings. Now this is real nice and thrifty for (TW) to do this. Now what we are really wondering if T.W. has

been thoughtful enough to install modern plumbing in the house, as he has intimated he was going to do "lo, these many years." If anyone knows any details, the reporter would really like to know.

**A tip on what to do before the doctor arrives... Go out and borrow some money!**

#### INDUSTRIAL RELATIONS

The Fire and Guard Department reports that **Sherley Honeycutt** (9704-2's prize match-maker) is vacationing at home in La-Follette... Other vacationers that didn't tell are **W. R. Profitt, J. T. Riddle, W. W. Hammer, A. T. Barger, K. G. Edgemon** and **W. T. Galyon**.

**Oh, give me a home where the buffalo roams... and I'll show you a messy house!**

#### ENGINEERING

Tool Engineering elaborates that **Mildred Lister** has traveled down to Georgia for a visit with her son and his wife... **Wayne Collette** and family are using this vacation week to move into their new home in K-ville.

The **Phil Maguires** have taken off for a week of Daytona sunshine... **Floyd Hippshire** is lazing around Oak Ridge... **Ross Goosie** is doing the same in Knoxville.

And **Pat O'Brien** has just returned from a week vacationing in the Knoxville area.

The **John Bassetts** vacationed in Pennsylvania last week visiting John's family.

A newcomer has joined the **Ben Trent** family. Little Jett Benjamin Trent, III, arrived at Oak Ridge Hospital, August 25, weighing in at eight pounds, 10 ounces. Congratulations!

**As the old lady said as she fixed the alarm... "That about winds it up!"**



Will join or form car pool from University of Tennessee area, Knoxville, to Biology or North Portal, straight day. Jan Schmidt, plant phone 7483, home phone Knoxville 522-1042.

Rides available from Friendsville via Lenoir City to Oak Ridge National Laboratory and Y-12 (any portal), straight day. Walter Pugh, plant phone 7-8066, home phone Maryville 982-1443.

## Knoxville Rites For Oscar Morris

The death of Oscar W. Morris is sadly marked. He died Monday, August 26 in Oak Ridge. A member of the First Cumberland Presbyterian Church, he was a native of Knoxville. A veteran of the United States Air Force, Mr. Morris came to Y-12 June 21, 1950. He was in the Beta Four



O. W. Morris

Forming Department of Mechanical Operations.

Mr. Morris is survived by his wife, Mrs. Olive Haun Morris, and a son William David, of 286 Illinois Avenue, Oak Ridge.

Funeral services were held at 2 p.m. Wednesday, August 28, at the Rose Chapel, Knoxville, with the Reverend E. K. Reagan officiating. Interment followed at the Greenwood Cemetery. Several co-workers in Mechanical Operations were honorary and active attendants at the rites. Bright Hope Lodge No. 557 of the Free and Accepted Masons, of which he was a member, also had special committal rites at the graveside.

Deepest sympathy is extended to the Morris family.

## ORNL Open House

Continued from Page 1  
Critical Facility, the Radiochemical Processing Pilot Plant, the Oak Ridge Isochronous Cyclotron, the Fabrication Shop, and the Metals and Ceramics Laboratory.

The Open House will allow Carbide employees and their families to gain a good basic understanding of the atom and its peaceful applications.

Oak Ridge National Laboratory, one of the nation's largest research centers, is operated by Union Carbide Corporation for the United States Atomic Energy Commission.

## SNT New Season

Continued from Page 1  
the business portion will begin at 8 p.m. (The SNT meeting is set for next Tuesday, September 10.) Reservations should be phoned to either E. L. Price or



RESEARCH SERVICE EMPLOYEES gathered last week to pay their respects to Charlie W. Hillon who retired Friday, August 30, after almost 13 years company service in Oak Ridge. They presented Hillon a boat trailer. He is seen in the center, receiving a signed card from ORNL's Frances Burkhalter and fellow co-worker B. B. Blackburn, who presided over the testimonials.

## Welding Society Meets Tuesday

The Northeast Tennessee Section of the American Welding Society opens its 1963-64 season next Tuesday, September 10, with a dinner hour at the Holiday Inn, Oak Ridge. A social hour is set for 6:30 p.m., with dinner at 7 p.m. and the technical session scheduled for 8 p.m.

Harry Schwartzbart, supervisor of welding research, Illinois Institute of Technology Research Foundation, Chicago, will speak on "Joining Applications Using Fiber Inserts."

Schwartzbart holds a BS in Metallurgy from the Pennsylvania State University, and in 1948 he was awarded an MS degree in Metallurgy from the same school. He has considerable experience in welding, brazing, and joining technology. He has been with the Illinois Tech Research Foundation since 1951. He has published numerous papers on the mechanical properties and the joining of metals.

The AWS local chapter also welcomes new comers Owen Hammonds, Jack Yaggi and Charlie Coughlen.

Dinner reservations should be made through Don Scott, extension 7-8253.

#### BASIC FACT

Arnold H. Glasgow stated, "Love, Loyalty, cheerfulness and consideration are important foundation stones of a happy home." Bricks help, too!

Good security frustrates the enemy.



Many Y-12ers celebrate important anniversaries with Union Carbide during September. Early in the month three more are added to the 20-year veteran list. Congratulations to them, and others.

#### 20 YEARS

**Carl W. Kidd**, Stores Department, September 8.

**Eugene Clowers**, Utilities, September 9.

**Astor A. Woods**, Process Maintenance, September 10.

#### 15 YEARS

**William A. Nichols Sr.**, Dispatching, September 7.

#### 10 YEARS

**Earl W. Stooksbury**, Chemical Engineering Development, September 4.

**James R. Taylor**, A-1 Shop, Mechanical Operations, September 8.

**William C. Hatmaker**, Physical Testing, September 8.

**Cecil G. Moran**, Buildings, Grounds and Maintenance Shops, September 8.

**A. G. Dunnam**, Electrical, September 8.

**Samuel W. Owen**, Research Services, September 8.

**Cecil P. Darnell**, Process Maintenance, September 9.

R. T. Bell, both at extension 7201. Questions concerning membership in the local section of SNT may also be referred to E. L. Price, chairman of the membership committee.



'COME BACK TO SEE US, CHARLIE,' says the above foursome, helping Research Services bid adieu to Charlie W. Hillon last week. From left, are H. L. Simmons, Bill Carver, the retired Hillon, ORNL's Ray Clark, and Don Hill.